Datasheet for ABIN1533383

anti-Kv3.2b Potassium Channel antibody (AA 589-638)

2 Images

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Overview

Quantity:	100 µg
Target:	Kv3.2b Potassium Channel
Binding Specificity:	AA 589-638
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kv3.2b Potassium Channel antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Western Blotting (WB)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Potassium Channel Kv3.2b.
Isotype:	IgG
Specificity:	Potassium Channel Kv3.2b Antibody detects endogenous levels of total Potassium Channel Kv3.2b protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Kv3.2b Potassium Channel

Target Details

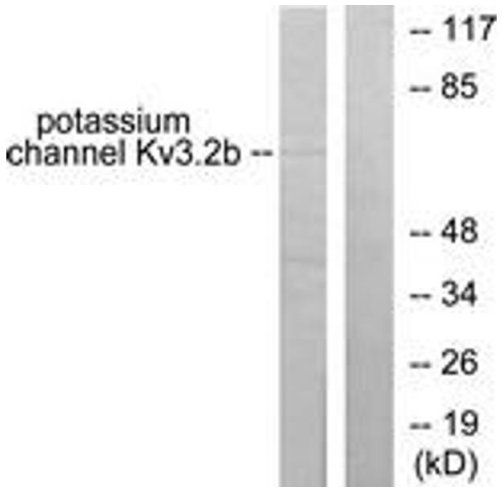
Alternative Name:	Potassium Channel Kv3.2b (Kv3.2b Potassium Channel Products)
Background:	Synonyms: kcnc2, kv3.2, mgc138196, potassium voltage-gated channel, shaw-related subfamily, member 2, shaw-related voltage-gated potassium channel protein 2, shaw-related voltage-gated potassium channel protein 2 isoform kv3.2b NCBI Gene Symbol: KCNC2
Molecular Weight:	70 kDa
Gene ID:	3747
OMIM:	176256
UniProt:	Q96PR1

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
Comment:	Unigene-Number: Hs.27214 (NCBI Gene Symbol: KCNC2)
Restrictions:	For Research Use only

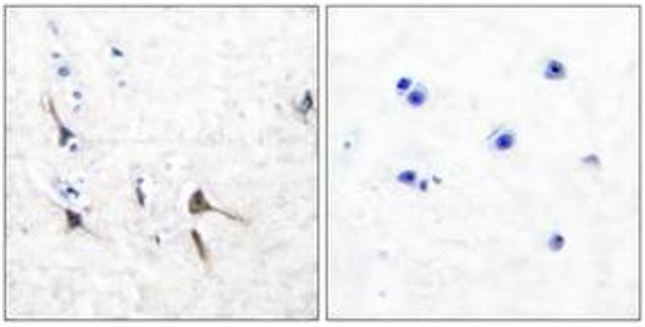
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, using Potassium Channel Kv3.2b Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Potassium Channel Kv3.2b Antibody. The picture on the right is treated with the synthesized peptide.